BRUHAT BANGALORE MAHANAGARA PALIKE

EXTRA ITEM RATE LIST

NAME OF WORK:- Restoration and Improvements of Roads from Doddaballapura Main Road to Nagarjuna College, Kaveri Layout, Chowdappa Layout, Maruthinagara, Hariraja Layout and Surrounding Areas in Ward No - 03 of Yelahanka New Town Sub Division (PACKAGE NO -12)

Sl. No.	Item of Work	Unit	Approx. Quantity	Rate	Amount in Rs.	Whether they are additional items	Extra item is included in the sanctioned estimate	How the extra cost of the item is proposed to be met	Whether the extra item is included in the sched	Remarks
E1	Providing and laying reinforced cement concrete pipe NP3 for culverts including pointing ends, and fixing collars with cement mortar 1:2 including cost of all materials, labour, curing complete as per specifications. Specifications. No. KSRB 1000, 2300 MOST Specification No 1000 / 2300 - - 600mm. dia (Page No 254, Item No. 34.6.3)	Mtr	176.00	3416.28	601265.3	Additional Item	NO	In the savings of the Sanctioned Estimate	-	-
E2	Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6 stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 (Page No. 255, Item No. 34.8.2)	Cum	9.95	4920.48	48958.78	Additional Item	NO	In the savings of the Sanctioned Estimate	-	-
E3	KSRRB 500-2. Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH specification clause 501 (Page No. 158, Item No. 21.2)	Sqm	11382.39	5.35	60895.79	Additional Item	NO	In the savings of the Sanctioned Estimate	-	-
	TOTAL				**711119.84**					

Cost of EIRL = 711119.84

Work Order Amount = 88354764.00

% of EIRL = 711119.84 / 88354764.00 = **0.80%**

Assistant Engineer
Yelahanka New Town Sub Division

Assistant Executive Engineer
Yelahanka New Town Sub Division

Executive Engineer
Yelahanka Division

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BRUHAT BANGALORE MAHANAGARA PALIKE

WORK - SLIP

NAME OF WORK:- Restoration and Improvements of Roads from Doddaballapura Main Road to Nagarjuna College, Kaveri Layout, Chowdappa Layout, Maruthinagara, Hariraja Layout and Surrounding Areas in Ward No - 03 of Yelahanka New Town Sub Division (PACKAGE NO -12)

Contractor / Agency : Sri. Srinivasa Reddy | Work Order No: BBMP/EE/YNK.D/EPMT-08/W O/115/2021-22, Dt 16-02-2022 | JOB Code: 003 - 22 - 000006

Estimate Cost: 1000.00 LKAHS | Work Order Amount: Rs.8,83,54,764.00

Sl.No	Description of work	Unit	As per Schedule B			Total Anticipated Quantity	Quantity up to 125%		Quantity above 125%			Total Amount as per Execution	Workslip	Remarks
			Qty	Rate	Amount		Qty	Amount	Qty	Rate	Amount		Amount	
1	2	3	4	5	6	6	7	9	10	11	12	14	15	
1	KSRRB M300-14. Excavation for roadwork in soil with hydraulic excavator of 0.9 cum bucket capacity including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to the embankemnt location to a lead of 1.00 km and complete as per specifications MORTH Specification No.301 (I No-19.14,P No-143)	Cum	5008.80	64.58	323468.30	6204.48	6204.48	400685.32				400685.32	77217.02	
2	KSRRB 300-58. Compaction of orignal ground by mechanical means including filling in depression occuring during rolling including cost of all labour, HOM complete as per specifications.(I No-19.64,P No-147)	Sqm	16696.00	6.42	107188.32	16998.06	16998.06	109127.55				109127.55	1939.23	
3	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications Clause 401 of MORTH V Revision.(I No-10.5,P No-153)	Cum	2504.40	2014.87	5046040.43	2549.72	2549.72	5137354.34				5137354.34	91313.91	
4	KSRRB M600-1.Providing and Constructing dry lean cement concrete mix CC 1:5:10 base with OPC 25mm and down size graded granite metal coarse aggregate at 0.85cum and 0.86cum and fine aggregate @0.58cum over a prepared sub-base,coarse and fine aggregate conforming to IS: 383-2016,aggregate cement ratio not to exceed 15:1,Aggregate gradation after blending to be as per Table 600-1,optimum moisture content to be determind during trial length construction,concrete strength not be determinde during trial length costruction, concrete strength not to be less than 10Mpa at 7 days,mixed in a batching plant,transported to site,laid with a paver,compacting with 8-10 tonnes vibratory roller, finishing and curing complete as per spectications. Clause 601 of MORTH V Revision and IS 456 Table-5 , with OPC at 150 kg/cum and coarse aggregate 0.86 cum,fine aggregate 0.58 cum using concrete Batch mix Plant at 75 cum/hr capacity with fixed form paver 22.1.2,Pg No.-174 ..	Cum	656.78	4101.90	2694045.88	1144.82	820.98	3367577.86	323.84	4256.78	1378515.64	4746093.50	2052047.62	
5	Constructing un-reinforced,plain cement concrete for pavements using Grade concrete M30 over a prepared base with OPC coarse aggregate at 0.69 cum,fine aggregates at 0.46 cum,coarse and fine aggregate conforming to IS.383-2016,with Superplastizer at 3 lts conforming to IS 9103-2008,mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design,laid in approved fixed side form work (sreel channel,leyning and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). & Speration the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished with floaters in a construction and longitudinal joints,Including groove cutting charges,joint filler,separation membrane of impermiable plastic sheet of 125 micron,sealant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades, textured with texturing machine, and curing including cost of all materials,labour,hire charges of machineries , all lead & lift charges etc., complete as per specifications with OPC AT 360 kg/cum and coarse aggregate 0.69,fineaggregate 0.46cum. Item No.-22.6.3,Page No.-176	Cum	656.78	5690.65	3737505.11	1144.82	820.98	4671909.84	323.84	6062.35	1963231.42	6635141.26	2897636.15	

CONSULTANTS & ENGINEERS SAFLANCE Bangalore

BRUHAT BANGALORE MAHANAGARA PALIKE

Sl.No	Description of work	Unit	As per Schedule B			Total Anticipated Quantity	Quantity up to 125%		Quantity above 125%			Total Amount as per Execution	Workslip Amount	Remarks
			Qty	Rate	Amount		Qty	Amount	Qty	Rate	Amount			
1	2	3	4	5	6	6	7	9	10	11	12	14	15	
17	Providing and fixing RCC precast cover slab of 230mm thick for drain in cement concrete 1:1.5:3 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc. complete and as per drawing and the directions of Engineer In-charge. (Data Rate)	Sqm	67.20	4530.86	304473.79	137.64	84.00	380592.24	53.64	4530.86	243035.33	623627.57	319153.78	
17	KSRM 500-7 Providing and applying tack coat using 80/100 grade bitumen (VG10) on the prepared black topped surfaces at 2.5 kg per 10sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of materials , labour, HDM complete as per specification P.No.-158,I.No-21.7,Issue Rate	Sqm	27929.50	12.85	358894.08	28418.59	28418.59	365178.88				365178.88	6284.80	
18	KSRM- MS00-17 Providing and laying Dense Graded Bituminous Macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications, clause 505 of MORTH V revisionusing 40/60 TPH capacity H.M.P. with mechanical paver Gr-II (50mm to 75mm) with 4.5% VG-30 bitumen with all lead and lift and as per the direction of Engineer in-charge.I.No.-21.17.6,Pg No.- 160 ,Data Rate	Cum	1396.48	7365.73	10286094.63	1420.92	1420.92	10466113.07				10466113.07	180018.44	
19	Providing and laying Bituminous concrete , using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. Clause 507 of MORTH V revision - using 40-60 TPH capacity HMP with mechanical paver grading II (30-40mm) with 5.4% of VG-30 bitumen .Page no-162 It. No -21.22.6	Cum	1052.24	8534.82	8980679.00	1136.74	1136.74	9701871.29				9701871.29	721192.29	
					88354764.00			34600419.39			3584794.39	38185192.78	6346803.24	

Work Slip Amount - 6346803.24

Work Order Amount - 88354764.00

Percentage of Work Slip Amount Compared to Tender Amount - 6073501.77 / 88354764.00 = 7.18%

Assistant Engineer
Yelahanka New Town Sub Division
BBMP

Asst. Executive Engineer
Yelahanka New Town Sub Division
BBMP

Executive Engineer
Yelahanka Division
BBMP

Chief Engineer
Yelahanka Zone
BBMP

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